Volume 17, 2002 Index

Author Index

Abbott, DF, 766
Abe, T, 387
Acar, MN, 784
Afifi, AK, 819
Agildere, AM, 385
Aguilar-Rebolledo, F, 416
Ahmetoğlu, A, 64
Aimonovitch, MC, 833
Akai, T, 347
Akar, N, 533
Akçören, Z, 707
Akgün, D, 123
Akman, CI, 152
Alehan, F, 385, 807
Alexander, J, 859
Alfonso, I, 770
Allen, KD, 545, 861
Al Riyami, K, 908
Al-Twaijri, WA, 901
Amartino, H, 696
Anderson, DP, 766
Anderson, V, 766
Andraus, J, 810
Andreu, AL, 3S35
Anlar, B, 390, 707
Antachopoulos, C, 55
Antunes, NL, 217
Arai, N, 725
Arii, J, 309
Armstrong, M, 891
Arnold, LA, 3S48
Arroyo, HA, 800
Asano, T, 788
Assia, A, 446
Atalay, Y, 815, 824
Atilla, P, 707
Ataş, B, 784
Aynaci, FM, 64
Aysun, S, 390

Backes, W, 867
Badihi, N, 863
Bado, M, 233
Baker, C, 225
Bakshi, R, 47
Balos, L, 47
Bandy, DJ, 522
Bangert, BA, 780
Barr, J, 50
Barth, A, 681
Barton, B, 605
Bartuli, A, 3S9
Basciani, F, 265
Baskin, E, 385
Bassan, H, 446
Battini, R, 773
Baumann, RJ, 225
Baykan, B, 25
Bebin, M, 1S65
Becker, M, 833
Beeching, NJ, 703
Behen, ME, 253
Beinlich, BR, 453
Beksaç, MS, 707
Belmont, A, 364
Ben Zeev, B, 20, 914
Berger, I, 400
Bezemer, D, 325
Bhatti, MT, 392
Biancheri, R, 233
Bianchi, MC, 773
Bica, I, 222
Biedi, C, 233
Biller, J, 195
Billingsley, RL, 877
Birchansky, S, 770
Bird, R, 320
Bitsori, M, 156
Bjfrnstad, PG, 269
Black, C, 833
Blackband, SJ, 911
Blackman, M, 179
Bloch, AM, 446, 872
Bobba, B, 752
Bodamer, OA, 353
Bodensteiner, JB, 59
Boehles, H, 460
Boles, RG, 369
Bommer, W, 885
Bonkowsky, JL, 457
Bonstelle, CT, 522
Borgia, P, 855
Bottiglieri, T, 3S98
Bourgeois, BFD, 2S28
Brandt, N, 20
Brown, C, 692
Brumback, AC, 724
Brumback, RA, 917
Bruni, S, 164
Bruno, C, 233
Buchanan, CP, 833
Bührer, C, 718
Buist, NRM, 3S98
Bulgheroni, S, 661
Buoni, S, 677
Burd, L, 681
Butler, IJ, 72
Buxhoeveden, DP, 142, 515, 692
Byars, AW, 830, 885

Cadilla, CL, 30
Çakar, AN, 707
Çakin, C, 784
Çaksen, H, 533, 784
Çalli, C, 80
Camfield, PR, 154
Campistol, J, 149
Campistol-Plana, J, 132
Canavese, C, 752
Caraballo, RH, 696
Carakushansky, M, 236
Carloni, I, 164
Carmant, L, 713
Carney, PR, 392
Casanova, MF, 142, 515, 692
Castillo, EM, 159
Castro-Gago, M, 219
Cedillo-Rivera, R, 416
Cerase, A, 677
Cersósimo, RO, 696
Chacko, A, 77, 908
Chae, JH, 33
Chakraborty, P, 253
Chavez, B, 149
Chawla, J, 778
Chen, K-S, 850
Chez, MG, 833
Chi, C-S, 250
Chiarelli, F, 265
Chitoku, S, 347
Chou, Y-H, 510
Christenson, JC, 457
Christopher, C, 183
Chuang, SH, 127
Chugani, DC, 253
Chugani, HT, 253, 466
Cioni, G, 773
Clemens, B, 292
Cohen, ME, 47, 134
Coleman, LT, 10
Collins, JS, 341
Conforti, L, 700
Conill, J, 149
Conry, JA, 1S80
Coons, S, 397
Coppa, GV, 164
Correa, D, 416
Coşkun, M, 749
Costa, RM, 622
Costello, F, 819
Cowan, RJ, 861
Cranendonk, A, 325
Crumrine, PK, 1S70, 2S2
Czarnecki, L, 397

Dagdeviren, A, 707
Darwish, HZ, 179
Daskalov, DS, 838
David, M, 713
Davies, J, 721
Davis, RN, 159
DeBaun, MR, 891
Deda, G, 533
de Dávila, MTG, 800
de Groot, L, 325
de la Vega, A, 30
De Meirleir, L, 3S26
Demiryürek, T, 815
Denton, C, 159
Depper, M, 475
De Rosa, S, 800
De Simone, M, 265
deVeber, GA, 241
Devinsky, O, 689
De Vivo, DC, 3S1, 3S3, 3S15, 3S35
DiFazio, MP, 475
Dilber, E, 64
DiMauro, S, 3S35
Dimova, PS, 838
Dirik, E, 37
Dlugos, D, 479
Domanievitz, D, 272
Douglass, LM, 403
Driebe, WT Jr, 392
Duchowny, M, 278
Dulac, O, 3S98
Dunn, DW, 245
Dunn, RS, 885
Duran, M, 152

Edwards-Brown, M, 245
Egelhoff, JC, 830
Eguchi, M, 448
Eirís-Puñal, J, 219
Elliott, I, 127
Elliott, VE, 111
Elpeleg, O, 499
Enciso, A, 416
Eraksoy, M, 25, 655
Erbaş, G, 815
Erdem, S, 66
Ergenekon, E, 815, 824
Eshel, G, 50
Ess, K, 261
Etzl, MM, Jr, 522
Evcik, D, 51
Ezgü, FS, 824

Faerber, EN, 421
Farchione, TR, 535
Fattal-Valevski, A, 272, 446, 745, 872
Feinberg, J, 245
Fejerman, N, 696, 800
Felderhoff-Mueser, U, 718
Fernández-Alvarez, E, 132
Fetter, WPF, 325
Filiano, JJ, 435, 759
Finkelstein, R, 652
Fiori, RM, 222
Fişgin, T, 123
Fishbein, L, 555
Fitzgerald, M, 159
Fiumara, A, 700
Fletcher, JM, 159
Flores-Sarnat, L, 373, 543
Fois, A, 677
Foorman, BR, 159
Forni, M, 752
Francis, DJ, 159
Franck, P, 230
Franssen, H, 292
Franz, DN, 830
Freeman, BE, 392
Freeman, JL, 10
Friedman, JM, 548
Friemer, ML, 74
Frutos, R, 847
Fuchs, S, 460
Funato, M, 337

Gabrielli, O, 164
Galanakis, E, 156, 855
Gallagher, CL, 453
Galluzzi, P, 677
Ganesan, V, 429
Ganesh, A, 77
Garavaglia, B, 233
García, RC, 416
García-Fragoso, L, 30
García-García, I, 30
Gärtner, J, 3S98
Garza, S, 364
Geller, TJ, 463
Genitori, L, 752
Giglio, P, 47
Gikas, A, 156
Giladi, N, 272
Gilman, J, 278
Ginot, N, 20
Glauser, TA, 1S1, 1S44, 1S85, 87
Goikhman, I, 200
Gökyiğit, A, 25
Gold, AP, 306
Goldenthal, MJ, 435, 759
Golomb, MR, 241
Gómez, CM, 505
Gonzalez, P, 847
Goraya, JS, 147, 243
Gordon, AL, 429
Gordon, KE, 154
Gordon, TG, 306
Greco, M, 233
Greene, JF, 341
Grohmann, K, 718
Grossman, JAI, 770
Gross-Tsur, V, 863
Gücüyener, K, 66, 815, 824
Gudiño, MA, 149
Gümüslü, S, 749
Gurer, Y, 51, 123
Gürses, C, 25
Gutierrez, JE, 97
Gutmann, DH, 592
Guzzetta, A, 773

Hagiwara, Y, 448
Hahn, JS, 440
Haliloglu, G, 390
Hara, Y, 127
Harder, A, 718
Harding, CO, 453
Harel, S, 117, 272, 333, 446, 499, 872
Harper, CR, 474
Hart, CA, 703
Harvey, AS, 766
Hasiotou, M, 776
Haspolat, Ş, 749
Haverland, C, 191
Hayasaka, H, 44
Hayasaka, K, 227, 401
Hayashi, M, 725
Hayek, S, 272
Healy, CA, 314
Hernández, S, 149
Hinkle, S, 341
Hirayama, K, 731
Holden, KR, 341
Holland, NR, 470
Holland, SK, 885
Honda, Y, 127
Honma, T, 227, 387, 401
Hu, XJ, 111
Humphrey, P, 703
Hung, I-J, 850
Hunter, JV, 421, 479
Hupp, SDA, 545
Huppertz, H-J, 230
Hurst, DL, 169
Hwang, YS, 33
Hyland, K, 3S48
Hyman, S, 605, 613
Hynd, GW, 97

Iannaccone, ST, 191
Iannetti, P, 300
Ibarra, J, 364
Ibrahim, SH, 241
İçağasıoğlu, D, 533
Ichiyama, T, 705
Imataka, G, 448
Inoue, R, 337
Inozemtseva, O, 668
Ito, A, 731
Iwasaki, S, 731

Jackson, EF, 877
Jackson, G, 766
Jacobs, R, 766
Jaeken, J, 3S84
Jain, R, 77
Jamroz, E, 315
Januario, J, 47
Javed, H, 77, 908
Jayashree, M, 106

Jiang, Y-W, 450
Johns, GS, 463
Johnsen, SD, 320
Jolles, J, 867
Jones, C, 778
Jones, S, 111
Jossiphov, J, 499
Juhász, C, 253, 466

Kadhoğlu, B, 785
Kamijo, K, 127
Kanbayashi, T, 537
Kang, PB, 421
Kao, A, 479
Kaplan, AM, 522
Karabiber, H, 57
Karakoc, Y, 673
Kardon, RH, 819
Katayama, K, 725
Kato, M, 227, 401, 731, 851
Kato, Y, 851
Kato, Z, 337, 788
Kavakli, K, 41
Kawamoto, Y, 44
Kaye, EM, 421
Kayıran, SM, 385
Kean, M, 766
Kelkar, P, 819
Kerbeshian, J, 681
Kerrigan, JF, 397
Kerrigan, JF III, 59
Kesler, A, 745
Kessler, AR, 738
Khan, RB, 857
Khatri, IA, 792
Kho, N, 397
Kien, CL, 146
Kieslich, M, 460
Kim, KJ, 33
Kimura, M, 705
Kimura, T, 401
Kirkham, FJ, 429
Kissel, JT, 74, 540
Kiyuna, T, 127
Klug, MG, 681
Kobayashi, K, 61
Kobayashi, M, 793
Koç, E, 815, 824
Kodama, H, 401
Kohno, Y, 309, 537
Komen, J, 833
Kondo, N, 337, 788
Korf, BR, 573, 642
Korinthenberg, R, 230, 409
Korkmaz, H, 80
Köse, G, 66
Kose, MF, 707
Kossoff, EH, 236
Koul, R, 77, 908
Kramer, U, 17, 914
Kubodera, K, 337
Kubota, H, 537
Kubota, M, 61
Kurtz, A, 578
Kurul, S, 37
Kutai, M, 333, 499

Labine, J, 681
Lafeber, HN, 325
Lahat, E, 50, 333
Lajara-Nanson, W, 169
La Mantia, I, 543
Lamba, LD, 233
Lamendola, P, 306
Landt, M, 261
Lange, V, 179
Lawson, MA, 522
Leary, L, 3S15
Lee, AG, 819
Lee, J, 253
Leitner, Y, 872
Lemler, MS, 191
Lenaerts, ME, 470
Leppik, IE, 1S53
Lerman-Sagie, T, 17, 117, 914
Leuschen, MP, 791
Leuzzi, V, 3S89
Levin, S, 475
Lewis, KS, 320
Liakopoulou, T, 55
Lin, K-L, 850
Lis, E, 217
Loh, J, 152
López, V, 364
Lorch, E, 535

Magariello, A, 700
Maisch, U, 460
Mak, BS-C, 250
Makino, M, 309
Malucci, C, 703
Mamula, P, 479
Manaut, E, 505
Mancias, P, 72
Manepalli, A, 463
Mangner, T, 253
Manor, O, 863
Mantzouranis, E, 855
Maret, A, 236
Maria, BL, 392, 547, 911
Marín-García, J, 435, 759
Marszał, E, 315
Martin, DS, 463
Martuza, RL, 578
Maruff, P, 491
Mas-Salguero, MJ, 132
Masterman, R, 272
Mathes, PG, 159
Matsunaga, A, 401
Matute, E, 668
Mayer, TO, 195
Mazzei, R, 700
McAbee, GN, 473
McGrath, TM, 792
Megerian, JT, 859
Melvin, JJ, 421
Mendell, JR, 74, 304, 540
Meschia, JF, 195
Messenheimer, J, 2S34, 278
Messer, G, 499
Mesterman, R, 446
Meza-Lucas, A, 416
Micheloyannis, S, 357
Mihailidou, H, 855
Mihçi, E, 749
Miles, MA, 111
Miller, CS, 225
Minetti, C, 233
Miravet, E, 770
Mitchell, WG, 1S36, 369
Moinuddin, A, 891
Moore, BD III, 877
Morgese, G, 265
Morimatsu, Y, 725
Mortier, W, 483
Moss, SD, 522
Mugnol, F, 222
Muñoz, O, 416
Murthy, A, 106
Murthy, SNK, 134
Muzik, O, 253

Najjar, S, 689
Nakagawa, E, 448
Nave, AF, 341
Needelman, H, 474, 724
Nelson, GB, 440
Neuderfer, O, 872
Nevo, Y, 333, 499, 914
Newfield, RS, 200
Ng, A, 138
Ng, Y, 72, 413
Ni, Q, 463
Nichelli, F, 661
Niemeyer, C, 409
Nihira, H, 44
Nikaido, K, 44
Nishio, T, 61
Nixon, GW, 457
Nordli, DR Jr, 1S28, 3S3
North, K, 605, 613
Nunes, ML, 222

Obladen, M, 718
Ochi, A, 127
Odabaş, D, 784
O'Donnell, J, 195
Oğuz, A, 37
Ohtaki, S, 227
Okuyaz, Ç, 66, 123
Olson, DM, 440
Orii, KE, 337
Orr-Urtreger, A, 20
Osamu, F, 337
Osawa, M, 793
Ota, T, 448
Oto, S, 385
Otsubo, H, 127, 347
Özbenm, T, 749
Öztürk, A, 25
Öztürk, G, 815

Packer, RJ, 585, 630, 638
Padgett, KR, 911
Padovan, S, 752
Page, GP, 341
Painter, M, 395
Palamidou, F, 55
Pandey, P, 466
Pandolfo, M, 453
Pang, EW, 347
Papalia, F, 752
Papanicolaou, AC, 159
Papathanassiou, D, 55
Papazian, O, 770
Parano, E, 543
Parke, JT, 470
Pascali, MP, 300
Pascual-Castroviejo, I, 847
Pascual-Pascual, SI, 847
Paspalaki, P, 855
Pauli, RM, 453
Pavia, AT, 457
Pavkovic, I, 545, 724, 791
Pavone, L, 700
Pavone, P, 543
Pellock, JM, 1S1, 1S4, 87
Percy, A, 82
Perla, FM, 300
Pestronk, A, 205
Pfund, Z, 253, 466
Picón-Cotos, M, 219
Pilar, G, 810
Pilch, J, 315
Pineda, DA, 97
Poblano, A, 364
Poddar, B, 147
Podwall, A, 306
Podwall, D, 306
Poirer, J, 453
Polizzi, A, 700
Polonara, G, 164
Póo-Argüelles, P, 132
Popovic, N, 483
Portillo, JM, 341
Prenger, E, 320
Prodan, CI, 470
Puce, A, 766

Qi, Y, 450
Qin, J, 450
Quiroz, YT, 97

Rachmiel, M, 333
Ramaciotti, C, 191
Ramírez-Dueñas, L, 668
Ramsey, NF, 292
Ramstad, K, 269
Redline, RW, 780
Regnicolo, L, 164
Reish, O, 50
Renta, J, 30
Restrepo, MA, 97
Rhodes, CH, 435
Ricker, K, 483
Rinaldo, P, 3S98
Risner, M, 278
Riva, D, 661
Robertson, WC Jr, 853
Robinson, R, 173
Rodríguez, E, 505
Romanelli, P, 689
Rosas, Y, 364
Rosenberg, DR, 535
Rosenblum, M, 217
Rosman, P, 403
Rosser, T, 585, 630, 638
Rossi, A, 233
Roy, E, 142, 515
Ruggieri, V, 800
Rutka, JT, 127, 347
Rutten, G-JM, 292
Ryan, M, 225, 859

Saada, A, 499
Saatçi, U, 385
Sadeh, A, 872
Saito, K, 788, 793
Sakai, S, 731
Salamat, MS, 453
Salapata, M, 544
Saletti, V, 661
Saling, MM, 766
Salman, MS, 1
Salvolini, S, 164
Salvolini, U, 164
Samsom, JF, 325
Sans-Fitó, A, 132
Sarıoğlu, B, 80
Sarmiento, RJ, 97
Sarnat, HB, 384, 543
Sasmaz, S, 57
Sato, H, 309
Sato, N, 731
Satoh, J, 725
Savitzki, D, 810
Sawaishi, Y, 227
Saxonhouse, MA, 392
Sbyrakis, S, 156
Scantlebury, MH, 713
Schaefer, GB, 791
Schaefer, K, 833
Schanen, NC, 20
Schara, U, 483
Schatz, J, 891
Scher, MS, 780
Schimmel, MS, 400
Schlesinger, Y, 400
Schmithorst, VJ, 885
Schneider, A, 409
Schoser, BGH, 483
Schrimsher, GW, 877
Schubert, R, 152
Schulze-Bonhage, A, 230
Scott, WA, 191
Seelenfreund, M, 400
Sejima, H, 705
Selak, MA, 421
Senbil, N, 51, 123
Serdaroğlu, A, 66
Serdaroğlu, G, 41, 80, 785
Serra, A, 543
Servitzoglou, M, 544
Shaag, A, 499
Shah, D, 147
Shah, J, 466
Shah, NS, 369
Shahar, E, 17, 333, 499, 810, 914
Shalev, RS, 863
Sharma, R, 127
Sheth, RD, 2S1, 2S23
Shevell, MI, 896, 901
Shibata, N, 793
Shield, LK, 10
Shields, WD, S76
Shiihara, T, 227, 401
Shimozawa, N, 337
Shinnar, S, 1S4, 1S44
Shomrat, R, 20
Shore, PM, 395
Shubin, RA, 173
Sidhu, RK, 859
Silman-Stolar, Z, 200
Silva, AJ, 622
Silver, K, 778
Silver, S, 117
Silvia, MT, 236
Simos, PG, 159
Singh, SP, 862
Singhi, P, 106
Singhi, S, 106
Sinisterra, S, 770
Sit, P, 138
Skardoutsou, A, 544, 776, 905
Smilari, P, 543
Smith, DL, 353
Smith, LJ, 10
Snead, OC III, 347
Soffer, D, 499
Sokol, DK, 195, 245
Solomon, T, 703
Sonel, B, 51
Sorge, G, 700
Sosa, J, 364
Souweidane, MM, 217
Spalice, A, 300
Spataro, J, 522
Spronk, P, 867
Stadelmann, C, 718
Stafstrom, CE, 403
Steen, RG, 111
Steinberg, A, 400
Steinherz, PG, 217
Stevenson, RE, 341
Stewart, WA, 154
Strambi, M, 677
Strawsburg, RH, 885
Stromme, P, 269
Sucholeiki, R, 778
Sudo, M., 731
Sugita, K, 851
Suzuki, H, 725

Switala, AE, 142, 515
Szepetowski, P, 696

Taddeucci, G, 300
Takanashi, J, 537
Takusa, Y, 705
Tamagawa, K, 725
Tan, E, 66
Tanabe, Y, 309, 537
Tanaka, Y, 851
Tarby, TJ, 320
Tasaka, M, 705
Tein, I, 3S57
Tekgül, H, 41
Tezic, T, 123
Theodoropoulos, B, 776
Thirumalai, SS, 173
Thomas, PR, 491
Thomson, SAM, 555
Thorarensen, O, 479
Tikotzky, L, 872
Tıraş, Ü, 824
Tobin, JA, 59
Topaloglu, H, 390
Topcu, M, 390
Toplan, S, 673
Torres, J, 416
Tosetti, M, 773
Towell, A, 429
Trevathan, E, 2S9
Trotta, D, 265
Tsai, C-R, 250
Tsao, C-Y, 74, 146, 304, 540
Tsuburaya, K, 731
Tuite, G, 770
Tunç, S, 824
Tuncer, O, 784
Turanlı, G, 57, 390
Turkdogan, D, 673
Tütüncüoğlu, S, 41, 80, 785

Ueda, Y, S18

Vagiakou, EA, 544, 776, 905
van Engelshoven, J, 867
van Rijen, PC, 292
van Toorn, R, 289, 721
van Veelen, CWM, 292
Vaquero, E, 505
Vargas, SA, 97
Vassilakis, KM, 357
Venturi, C, 677
Verrotti, A, 265
Viaño, J, 847
Vigevano, F, 3S9
Vigliano, P, 752
Vilaseca, MA, 149
Vining, EPG, 236
Vinjamuri, S, 703
Viskochil, D, 562
Viso-Lorenzo, A, 219
Vlaho, S, 460
Vorgerd, M, 483
Vorgia, L, 357
Voudris, KA, 544, 776, 905
Vuurman, E, 867

Wacławik, AJ, 453
Wagner, K, 681
Wakai, S, 44
Wallace, MR, 555
Walsh, K, 69
Walz, NC, 830
Wang, CH, 69
Wang, D, 3S15
Wang, P-J, 510
Wang, WC, 111
Warzak, WJ, 924
Watemberg, N, 117, 914
Weig, SG, 239
Weinberg, WA, 474
Weiner, HL, 689
Weinstock, A, 47
Weintroub, S, 272
Weisleder, P, 59
Weiss, SK, 241, 347
Wellard, RM, 766
Wennekes, R, 867
Westerland, A, 681
Wheless, JW, 1S58, 413
White, DA, 891
White, M, 819
Wieselthaler, NA, 289
Williams-Dyjur, C, 179
Willmore, LJ, 1S18
Wilmshurst, JM, 289, 721
Wilson, PH, 491
Wirrell, EC, 179
Wolden, S, 217
Wolf, H, 20
Wolf, NI, 3S98
Womble, G, 278
Wong, BLY, 183
Wong, M, 261
Wong, V, 138
Wood, EP, 154
Wu, JY, 403
Wu, X-R, 450
Wuisman, M, 867

Yachnis, AT, 911
Yakıncı, C, 57
Yalnizoglu, D, 390
Yamada, M, 788
Yamadori, A, 731
Yamaguchi, S, 705
Yamakawa, M, 61
Yamamoto, T, 793
Yamanouchi, H, 448
Yamazaki, S, 387
Yamazaki, T, 127
Yapici, Z, 655
Yaron, Y, 20
Yeğin, O, 749
Yoshikawa, H, 387
Yoshioka, M, 61
Young, H, 613
Youroukos, S, 55
Yuan, Y, 450

Zarabozo, D, 668
Zelnik, N, 17, 200, 499, 810, 914
Zerres, K, 718
Zeviani, M, 233
Zorlu, P, 123
Zuk, L, 272

Subject Index

α[^{11}C]methyl-L-tryptophan positron emission tomography, 253–259
Abducens nerve palsy, 850
Absence seizures, 1S68, 1S71, 2S36, 838–846
Acidic protein, 710
Acidosis, 759–764
ACP1 polymorphism, 532
Acquired immune deficiency syndrome, 457–460
Acquired von Willebrand's disease, 41–43
ACTH, 1S78–1S79
Acute encephalopathy, 776–777
Adenosine deaminase, 532
ADHD, 97–105, 200–204, 606–607, 863–865, 877–883
Adolescents, 2S23–2S26, 2S41, 191–193, 213–214, 287, 395–396, 545, 859–860
Agenesis, 896–899
AIDS, 457–460
Alcoholism, 531
Alexander's disease, 227–230, 463–466
Alpha[^{11}C]methyl-L-tryptophan positron emission tomography, 253–259
Amidinotransferase deficiency, 3S94
Amyloidosis, 206–207
Amyotrophic diplegia, 214
Amyotrophic lateral sclerosis, 207
Anderson, Anne E., 744
Aneurysm, 457–460
Anterior temporal lobe cyst, 773–775
Antiangiogenesis, 578–582, 639
Antibodies, 214
Anticoagulants, 479–482
Antidesmin, 214
Antiepileptics, 1S48, 1S53–1S68, 1S73, 1S85–1S91, 2S2–2S6, 2S24–2S41
Anti-NeuN, 710
Antioxidants, 673–675
Antiphospholipid syndrome, 392–394
Antipyretics, 1S48
Antivimentin, 214
Anxiety, 37–40, 545
Aphasia, 134–137
Apoptosis, 66–68
Arachnoid cyst, 770–772
Arava, 216
Arginine, 3S94
Arthritis, 216
Ashworth Scale, 169–172
Asperger's syndrome, 142–145
Asphyxia, 288, 780–783, 824–828
Astrocytes, 595–598, 793–798
Asystolic syncope, 395–396
Ataxia, 4, 146, 210, 315–318, 453–456, 531, 759–764
Atonic seizures, 1S71
Atrophy, 206, 207, 208, 213, 718–723
Attention, 314
Attention-deficit hyperactivity disorder, 97–105, 200–204, 606–607, 863–865, 877–883
Auditory brainstem response, 364–367, 510–513
Auditory neuropathy, 306–309
Autism, 1S7, 173–178, 245–248, 435–438, 515–519, 531–532, 692–694, 830–836, 861–862
Autoimmune polyendocrinopathy, 212–213
Autonomic dysfunction, 214, 337–340
Axonal neuropathy, 208

Baltic-Mediterranean progressive myoclonus epilepsy, 1S22–1S23
Barbiturates, 1S48
Bardet-Biedl syndrome, 385–386
Behavioral disturbances, 50–51, 2S28–2S32, 314, 528, 607–608
Benign epilepsy, 17–19, 901–904, 914–915
Benign occipital seizure, 851–852
Benzodiazepines, 1S39, 1S48
Bilateral anterior temporal lobe cyst, 773–775
Bilateral demyelinating tumefactive lesions, 655–660
Bilateral striatal necrosis, 776–777
Biotinidase deficiency, 146
Birthweight, 320–324
Blood folate, 341–346
Blue rubber bleb nevus syndrome, 219–221
Body temperature, 738–743
Bone fractures, 718–723
Bone marrow transplant, 287
Bone mineral density, 2S24
Botulinum toxin, 138–141, 214, 216, 272–277
Brachial plexus palsy, 770–772
Brain, 1S72, 159–163, 287–291, 309–313, 475–478, 505–509, 515–519, 592–600, 707–712, 776–777, 3S57–3S73, 3S98–3S101, 793–798, 867–871, 911–913
Brainstem, 364–367, 510–513, 635–636
Branch retinal artery, 392–394
Breath holding, 337–340, 395–396
Brumback, Roger A., 126
Bulbar palsy, 210–211

Café-au-lait spots, 57–59, 548, 566, 574, 616
Calcium carbonate, 853–854
California Verbal Learning Test, 667
Callosal abnormalities, 164–167
Cancer, 209–210
Candidiasis, 212–213
Carbamazepine, 1S66, 364–367, 914–915
Cardiac function, 191–193
Cardiac transplantation, 195–199
Cardiomyopathy, 759–764
Carey-Fineman-Ziter syndrome, 213
Carnitine, 304–305, 3S57–3S77, 3S82–3S83
Carnosine, 833–836
Cat-scratch encephalopathy, 288
Caudate nucleus, 97–105, 877–883
Cavanagh's syndrome, 51–54
Caveolin-3 gene, 483–489
Celiac disease, 800–805
Cell adhesion molecules, 707–712
Central nervous system, 241–242, 409–412, 608–609, 619
Centrotemporal epilepsy, 17–19, 297–299, 914–915
Cerebellar infarction, 320–324
Cerebellar tremor, 531
Cerebellar vermis hypoplasia, 385–386
Cerebellum, 1–8
Cerebral abnormalities, 457–460
Cerebral infarction, 55–56, 61–63, 891–895
Cerebral palsy, 1S7, 138–141, 169–172, 272–277, 863–865
Cerebral sinovenous thrombosis, 479–482
Cerebral visual impairment, 731–736
Cerebrospinal fluid, 77–79, 261–264, 286, 537–539, 815–817, 824–828
Ceroid lipofuscinosis, 1S81, 1S82
Cervicothoracic extradural arachnoid cyst, 770–772
Chemotherapy, 639, 857–858

Child Behavior Checklist, 607, 879–881
Childhood Autism Rating Scale, 833–836
Choline, 245–248
Chromosome 9p, 50–51
Chromosome 20, 778–780
Chronic inflammatory demyelinating polyradiculoneuropathy, 819–822
Clinical Global Impressions of Change, 833–836
Clobazam, 154–155
Club foot, 72–74
Cobb syndrome, 847–849
Cognitive function, 1–8, 2S28–2S32, 530–531, 575, 605–611, 622–625, 627–629, 891–895
Colitis, 479–482
Colocasia esculenta, 855–856
Computed tomography, 227–230, 378, 380, 807–809
Congenital bilateral perisylvian syndrome, 448–450
Congenital bone fractures, 718–723
Congenital club foot, 72–74
Congenital constriction band syndrome, 448–450
Congenital hemiplegia, 724
Congenital hydrothyroidism, 510–513
Congenital melanocytic nevi, 289–291
Congenital microcephaly, 905–907
Congenital muscular dystrophy, 333–336, 793–798
Congenital thenar hypoplasia, 51–54
Constriction band syndrome, 448–450
Contrast sensitivity, 731–736
Convulsions, 10–16, 1S36, 1S44–1S49, 123–126, 544, 696–698, 749–751, 3S10–3S11
Corpus callosotomy, 1S73
Corpus callosum, 535–536, 896–899
Cortex, 292–296, 347–351
Cortical development, 142–145, 347–351, 752–758
Corticosteroids, 183–189, 190, 210
Corticotropin, 1S78–1S79
Cranial irradiation, 134–137
Cranial nerve, 819–822
Creatine, 245–248, 304–305, 3S49, 3S89–3S97
Critical illness, 214–215
C677T mutation, 30–32
CT, 227–230, 378, 380, 807–809
Cutaneous neurofibroma, 614–615, 616
CYP450, 1S88–1S89
Cyst, 770–772, 773–775
Cytochrome *c* oxidase deficiency, 233–235
Cytokine, 640, 749–751
Cytopathy, 208

Deafness, 146
Deflazacort, 186–188
Deletion 1p36, 530
Demyelinating polyneuropathy, 210
Demyelinating polyradiculoneuropathy, 819–822
Demyelinating tumefactive lesions, 655–660
Depression, 37–40, 2S25, 531
Dermatomyositis, 207, 540–541
Developing Skills Checklist, 111–115
Developmental disorders, 1S6–1S8, 117–122, 435–438, 460–462, 491–497, 530, 608, 681–687, 867–871
Diadochokinesia, 330
Diagnostic and Statistical Manual of Mental Disorders, 681–687, 830–832
Diazepam, 106–109, 123–126
Diet, 1S73, 2S18, 179–182, 341–346, 3S75–3S76
Dihydropteridine reductase gene, 531
Diplegia, 214
Discordant phenotype, 1S90–1S91
Disease modification, 1S85–1S91
DNA, 421–428, 435–438, 499–504, 555–560, 759–764, 3S35–3S42
Doose syndrome, 1S70–1S71
Dopamine, 530
Down syndrome, 460–462
DRD1 gene, 528–529
*DRD2 Taq*I polymorphism, 529–530
Driving, 2S24
DSM, 681–687, 830–832
Duchenne muscular dystrophy, 66–68, 183–193, 215–216
Dysarthria-clumsy hand syndrome, 241–242
Dysferlinopathy, 209
Dyslexia, 867–871
Dysmorphic features, 64–66
Dysplasia, 475–478, 575, 752–758
Dystonia, 759–764
Dystrophy, 66–68, 183–193, 212–213, 215–216, 333–336, 793–798

Early-onset benign occipital seizure, 851–852
Eating difficulties, 213–214
Ectodermal dysplasia, 475–478
Ectodermal dystrophy, 212–213
EEG, 44–46, 1S38–1S39, 2S11, 127–131, 297–299, 380, 387–389, 409–412, 3S98, 824–828, 838–846
Elderly, 210
Electroencephalogram, 44–46, 1S38–1S39, 2S11, 127–131, 297–299, 380, 387–389, 409–412, 3S98, 824–828, 838–846
Electromyography, 127–131
Elephant's ear plant, 855–856
EMG, 127–131
Encephalomyelitis, 527–539, 810–814
Encephalomyopathy, 47–49, 759–764
Encephalopathy, 288, 700–702, 776–777, 3S5–3S6, 815–817
Endocrine abnormalities, 619
Enolase, 261–264, 824–828
Enzymes, 673–675
Epidermal nevus syndrome, 376
Epilepsia partialis continua, 127–131
Epilepsy, 10–19, 37–40, 57–59, 1S1–1S91, 2S1–2S41, 87–95, 127–131, 219–221, 265–268, 278–284, 287, 297–299, 357–367, 413–415, 435–438, 466–469, 505–509, 545, 661–667, 673–675, 689–691, 713–717, 759–764, 778–780, 3S1–3S102, 800–805, 838–846, 901–904, 914–915, 924
Epistasis, 531–532
Epoxide hydrolase, 1S89–1S90
Epstein-Barr syndrome, 446–447
Estrogen, 530–531
Evoked potentials, 364–367, 380, 510–513
Expressive One-Word Picture Vocabulary, 833–836
Extracellular matrix molecules, 707–712
Extradural arachnoid cyst, 770–772
Extreme discordant phenotype, 1S90–1S91
Eye movement, 173–178

Factor V Leiden mutation, 713–717, 905–907
Familial café-au-lait spots, 566
Familial dermatomyositis, 540–541
Familial hemiplegic migraine, 470–471
Familial infantile convulsions, 696–698
Familial spinal neurofibromatosis, 566
Farnesyl protein transferase inhibitors, 639–640
Fasting, 179–182
FDG PET, 522–527
Fear, 230–233
Febrile convulsions, 1S36, 1S44–1S49, 243, 544, 749–751
Fibrillary acidic protein, 710
Fibronectin, 709–710
Fingers, 215
Focal nodular myopathy, 211
Focal seizures, 1S29–1S30
Folate, 341–346
Folinic acid, 3S48–3S54, 3S56
Fractures, 718–723
Fragile X syndrome, 531
Freckles, 548, 574, 616
Friedreich's ataxia, 315–318, 453–456, 759–764
Frontal epilepsy, 661–667
Frontal tumor, 766–769
Fukuyama type congenital muscular dystrophy, 793–798
Fumarase deficiency, 3S31–3S32
Functional magnetic resonance imaging, 292–296, 766–769, 867–871, 885–890

GABA, 3S49, 3S84–3S88, 833–836
Gabapentin, 1S66, 287
Gait, 210
Gelastic seizures, 44–46, 152–154
Gender, 390–391
Generalized seizures, 1S19–1S20, 1S29–1S31, 1S68, 2S5, 2S35, 2S37–2S38
Genetics, 1S18–1S23, 1S30, 1S46, 528–529, 533–534, 550–552, 555–569
German Registry, 2S40–2S41
Giant congenital melanocytic nevi, 289–291
Gilliam Autism Rating Scale, 833–836
Glial fibrillary acidic protein, 710
Gliomas, 549, 575, 615, 618, 630–636
Global Assessment of Functioning, 681–687
Glucose transporter 1 deficiency syndrome, 3S15–3S25
Glycine, 286, 3S84–3S88, 3S94
Glycogen, 207–208, 286–287
Glycolytic defects, 3S15–3S25
Gray Level Index, 515–519
Growth, 576
Guanidinoacetate, 3S49, 3S89–3S97
Guillain-Barré syndrome, 215

Hallucinations, 230–233
Hamartoma, 44–46
Hand, 241–242, 292–296, 329, 350–351
Headache, 807–809, 857–858
HEADD syndrome, 435–438
Height, 200–204
Hemiballismus, 288
Hemiconvulsion-hemiplegia-epilepsy syndrome, 10–16, 705–707, 713–717
Hemimegalencephaly, 373–381, 384, 677–680
Hemiparesis, 655–660
Hemiplegia, 10–16, 253–259, 705–707, 713–717, 724
Hemiplegic migraine, 80–81, 470–471
Hepatotoxicity, 3S73–3S75
Hernia, 401–402
Heterotopia, 300–303
Hiatal hernia, 401–402
Holoprosencephaly, 152–154, 288, 543
Homocystinuria, 353–356, 859–860
Hurler's syndrome, 149–151
Hydrogen proton magnetic resonance spectroscopy, 245–248
Hydrothyroidism, 510–513
Hyperactivity, 97–105, 200–204, 606–607, 863–865, 877–883
Hyperekplexia, 147–148, 154–155, 3S86
Hyperglycinemia, 3S85–3S86
Hypernatremia, 288
Hypersomnia, 537–539
Hypertension, 77–79, 239–241, 745–747
Hypocalcemic seizures, 236–238, 853–854
Hypocretin, 537–539
Hypomagnesemia, 59–60
Hypomelanosis of Ito, 376
Hypophosphatasia, 222–224
Hypopigmented maculae, 57–59
Hypoplasias, 50–54, 64–66, 132–133, 385–386, 535–536

Hypothalamic disorder, 615, 738–743
Hypothalamic glioma, 615
Hypothalamic hamartoma, 44–46
Hypothyroid, 207–208, 309–313
Hypotonia, 435–438
Hypovolemia, 77–79
Hypoxic-ischemic encephalopathy, 815–817

Ictal electroencephalogram, 44–46, 297–299
Idiopathic epilepsy, 57–59, 1S19–1S20
Idiopathic hypothalamic disorder, 738–743
Idiopathic intracranial hypertension, 77–79, 239–241, 745–747
Immune myopathy, 205
Immunoelectrotransfer blot assay, 416–420
Immunoglobin, 212
Immunoglobulins, 810–814
Infantile acute encephalopathy, 700–702
Infantile Alexander's disease, 463–466
Infantile convulsions, 696–698
Infantile hyperekplexia, 154–155
Infantile leukoencephalopathy, 421–428
Infantile spasms, 1S76–1S79, 2S3–2S4, 2S9–2S14, 2S37, 369–371
Infants, 1S28–1S34, 2S37–2S38, 207, 222–224, 325–331, 364–367, 387–389, 403–407, 440–445, 530, 3S1–3S102, 824–828, 905–907
Infarction, 55–56, 61–63, 320–324, 891–895
Inflammatory demyelinating polyradiculoneuropathy, 819–822
Inflammatory myopathy, 205, 210
Inosiplex, 703–704
Insulin, 265–268
Integrin, 710
Intellectually disabled, 2S38, 731–736
Interferon-α, 703–704
Intergenomic signaling, 3S42
Interleukin-1β, 749–751
Interleukin-6, 705–707
International League Against Epilepsy, 1S31–1S32
Intracranial calcifications, 309–313
Intracranial hypertension, 77–79, 239–241, 745–747
Intracranial neoplasms, 630–636
Intranuclear inclusions, 531
Intrauterine growth retardation, 872–875
IQ, 605–606
Iron, 337–340
Ischemic stroke, 533–534

Joint contracture, 208
Joubert syndrome, 911–913
Juvenile myoclonic epilepsy, 1S19–1S20, 1S29–1S31, 1S68, 2S5, 2S35, 2S37–2S38

Kearns-Sayre syndrome, 208–209, 759–764
Ketogenic diet, 1S73, 2S18, 179–182, 3S75–3S76
Kindergarten, 111–115, 159–163
Klippel-Trénaunay-Weber syndrome, 376
Krabbe's disease, 287
Krebs cycle, 3S26–3S34

Lactic acidosis, 759–764
Lafora's disease, 1S81–1S82
Lambert-Eaton syndrome, 74–76
Laminin, 709
Lamotrigine, 1S66–1S67, 2S34–2S41, 278–284
Landau-Kleffner syndrome, 785–787
Language, 505–509, 607, 766–769, 885–890
Lateral sclerosis, 207
Learning disorders, 314, 474, 623
Leflunomide, 216
Leg, 214
Leiden mutation, 713–717, 905–907
Leigh disease, 233–235, 450–452, 759–764
Lennox-Gastaut syndrome, 1S70–1S74, 2S4, 2S14–2S19, 2S35
Lesions, 69–72, 549, 573–574, 655–660, 891–895
Leukemia, 409–412, 850
Leukoencephalopathy, 421–428, 773–775
Levetiracetam, 1S53–1S56, 1S59–1S60, 1S64, 1S67, 413–415
Levodopa, 206
Lidocaine, 400
Lipids, 673–675
Lipofuscinosis, 1S81, 1S82
Lipomatosis, 289–291
Lisch nodules, 549, 575, 615, 616–618
Lobar holoprosencephaly, 152–154, 543
Lorazepam, 1S39
Lumbar puncture, 77–79, 3S48–3S54, 3S56
Lumbar spinal stenosis, 72–74
Lung cancer, 209–210
Lymphoblastic leukemia, 409–412

Macrocephaly, 619
Maculae, 57–59
Magnetic brain stimulation, 292–296
Magnetic resonance angiogram, 470–471
Magnetic resonance imaging, 10–16, 25–29, 47–49, 69–72, 1S37–1S38, 97–105, 164–167, 292–296, 378–379, 609–611, 673–675, 766–769, 776–777, 807–809, 819–822, 824–828, 867–871, 885–898, 911–913
Magnetic resonance spectroscopy, 44–46, 245–248, 379, 788–790
Magnetoencephalography, 851–852
Malignant peripheral nerve sheath tumors, 589–590
Maternal age, 528–530
Maturation agents, 639
Measles, 725–730, 776–777, 784–785
MECP2 gene, 20–23, 33–36
Medical management, 1S85–1S91
Medulloblastoma, 134–137
Melanocytic nevi, 289–291
MELAS, 759–764
Meningitis, 156–157
Menkes' syndrome, 250–252, 401–402
Mental retardation, 1S7–1S8, 164–167, 530, 605–611
Meperidine, 287
MERRF, 1S81, 759–764
Mesial temporal sclerosis, 1S47–1S48
Metabolism, 3S1–3S102
Methotrexate, 409–412
5,10-Methylenetetrahydrofolate reductase gene, 30–32
Methylmalonicaciduria, 353–356
Methylphenidate, 863–865
Methylprednisolone, 810–814
Microcephaly, 117–122, 905–907
Midazolam, 1S39, 106–109, 123–126, 908–910
Midline developmental disorders, 460–462
Migraine, 80–81, 470–471, 857–858
Mitochondrial cytopathy, 208
Mitochondrial disorders, 1S23, 304–305, 369–371, 421–428, 435–438, 3S35–3S43, 3S46–3S47
Mitochondrial DNA, 421–428, 435–438, 499–504, 759–764, 3S35–3S40
Mitochondrial encephalomyopathy, 47–49, 759–764
Mitochondrial myopathy, 207, 453–456
Modafinil, 169–172
Modified Ashworth Scale, 169–172
Molecular biology, 1S23
Monotherapy, 2S31–2S32
Mosaicism, 564–565
Motor function, 1–8, 292–296, 491–497, 607, 731–736
MRA, 470–471
MRI, 10–16, 25–29, 47–49, 69–72, 1S37–1S38, 97–105, 164–167, 292–296, 378–379, 673–675, 766–769, 776–777, 807–809, 819–822, 824–828, 867–871, 885–898, 911–913
MRS, 44–46, 245–248, 788–790
Multiple sclerosis, 69–72, 390–391, 791
Muscle biopsy, 214, 499–504
Muscle disease, 483–489
Muscle myopathy, 211
Muscle tone, 329–330
Muscular atrophy, 206, 207, 208, 213, 718–723
Muscular dystrophy, 66–68, 183–193, 215–216, 333–336, 793–798
Myalgia/cramp syndrome, 211–212
Myasthenia gravis, 208–209, 212–213, 390–391
Myasthenic syndrome, 74–76
Mycoplasma pneumoniae, 55–56
Mydriasis, 400
Myelitis, 217–219
Myelopathy, 217–219
Myoclonic encephalopathy, 3S5
Myoclonic epilepsy, 1S19–1S23, 1S29–1S31, 1S68, 1S80–1S84, 2S5, 2S35, 2S37–2S38, 127–131, 446–447, 759–764
Myopathy, 205, 206–211, 214–215, 453–456, 499–504
Myophosphorylase, 211
Myositis, 215
Myotonic dystrophy, 215

N-cadherin, 710
Necrosis, 209–210, 749–751, 776–777
Necrotizing encephalopathy, 776–777
Necrotizing myopathy, 209–210
Neonatal burst suppression, 403–407
Neonatal hypocalcemic seizures, 236–238, 853–854
Neonatal mydriasis, 400
Neonatal seizures, 2S3, 3S4–3S5, 3S10–3S11
Neonates, 2S3, 325–331, 387–389, 780–783, 815–817
Neoplasms, 630–636
Nerve palsy, 784–785, 850
Nerve sheath tumors, 589–590
Nerve stimulation, 1S73–1S74, 778–780
Nervous system, 241–242, 337–340, 409–412, 549, 608–609, 619
Neural cell adhesion molecule, 708
Neural crest, 550
Neural tube, 30–32, 341–346
Neurobehavioral disorders, 530–531
Neurocognitive disorders, 111–115, 530–531
Neurocutaneous syndromes, 376–377, 475–478
Neurocysticercosis, 416–420
Neurodegenerative disease, 725–730
Neurodevelopmental disabilities, 50–51
Neurofibromas, 548–549, 574–575, 585–590, 614–616, 638–640, 644–645
Neurofibromatosis, 376–377, 547–653
Neurofibromin, 592–600
Neurofilament protein, 710
Neurohormones, 191–193
Neuroimaging, 807–809, 824–828
Neuromotor function, 325–331
Neuromuscular diseases, 759–764
Neuronal ceroid lipofuscinosis, 1S81, 1S82
Neuronal density, 515–519
Neuronal intranuclear inclusions, 531
Neuronal migration disorders, 1S22
Neurons, 598–600
Neuron-specific enolase levels, 824–828

Neuropathology, 142–145
Neuropathy, 208, 209, 212, 216, 233–235, 306–309
Neuropsychological function, 1S72, 661–667
Nevi, 219–221, 289–291, 376
NF1 gene, 555–560, 562–569, 624
Nitric oxide, 815–817
Nitrite, 749–751
Nitrotyrosine, 815–817
Nodular heterotopia, 300–303
Nodular myopathy, 211
Nonconvulsive seizures, 1S38, 1S72
Nonconvulsive status epilepticus, 1S38, 1S72
Nonketotic hyperglycinemia, 3S85–3S86
Noonan's syndrome, 565–566
Nuclear DNA, 3S40–3S42

Obesity, 215–216
Obsessive-compulsive disorder, 529–530, 535–536
Obstetric brachial plexus palsy, 770–772
Occipital calcifications, 800–805
Occipital seizure, 851–852
Oculomotor nerve palsy, 784–785
Oligosymptomatic celiac disease, 800–805
Ondansetron, 857–858
Ophthalmoplegia, 759–764
Optic gliomas, 549, 575, 615, 618, 630–635
Oral contraceptives, 2S25
Oral farnesyl protein transferase inhibitors, 639–640
Osmostasis, 288
Oxandrolone, 188
Oxcarbazepine, 1S53–1S56, 1S60–1S61, 1S64, 1S66
Oxford Medical Database, 791
Oxidase deficiency, 233–235
Oxidative stress, 793–798

Palmitoyltransferase II, 304–305
Palsy, 1S7, 138–141, 169–172, 210–211, 272–277, 770–772, 784–785, 850, 863–865
Panencephalitis, 25–29, 703–704, 725–730, 788–790
Paraneoplastic necrotizing myopathy, 209–210
Partial seizures, 1S20–1S22, 1S66–1S68, 2S4–2S5, 2S35–2S36, 440–445, 466–469, 3S12
Pena-Shokier phenotype, 397–399
Peripheral nerve sheath tumors, 589–590
Peripheral neuropathy, 209, 233–235
Periventricular nodular heterotopia, 300–303
Peroxidation, 673–675
PET, 253–259, 380, 522–527
Phakomatosis concept, 573
Pharmacodynamics, 1S87–1S88
Pharmacogenetics, 1S85–1S91
Pharmacokinetics, 1S87–1S88
Phenotype, 1S90–1S91
Phenylethanolamine N-methyltransferase gene, 529
Phenytoin, 1S66, 287
Pica, 855–856
Pleiotropy, 564
Pleomorphic xanthoastrocytoma, 522–527
Plexiform neurofibroma, 616, 638–640, 644–645
Plexus palsy, 770–772
Polycystic ovary syndrome, 2S25–2S26
Polyendocrinopathy, 212–213
Polyglucosan body disease, 206
Polymorphisms, 532
Polymyositis, 209
Polyneuropathy, 210
Polyradiculoneuropathy, 819–822
Pontocerebellar hypoplasia, 64–66, 132–133
Positron emission tomography, 253–259, 380, 522–527
Posterior fossa malformations, 147–148
Posture, 329
Precocious puberty, 615
Prednisone, 183–186, 188
Pregnancy, 853–854
Preterm infants, 325–331
Progressive gait ataxia, 210
Progressive myoclonus epilepsy, 1S22–1S23, 1S80–1S84
Proinflammatory cytokines, 749–751
Protein, 639–640, 710
Protein transferase inhibitors, 639–640
Proteus syndrome, 376
Proton magnetic resonance spectroscopy, 245–248, 379, 788–790
Pseudomigraine, 134–137
Pseudotumor cerebri, 745–747
Psychiatric issues, 924
Psychosis, 859–860
Psychosocial issues, 607–608
Puberty, 2S23–2S24, 615
Purdue Pegboard, 667
Pyridoxine, 222–224
Pyruvate carboxylase deficiency, 3S27–3S28
Pyruvate dehydrogenase deficiency, 3S28–3S31
Pyruvate metabolism, 3S26–3S34

Quadriceps, 215
Quality of life, 2S5–2S6

Radiation myelitis, 217–219
Ragged red fibers, 1S81, 759
Rapid eye movement, 173–178
Reading, 159–163, 867–871
Receptive One-Word Picture Vocabulary, 833–836
Receptors, 1S90
Refractory epilepsy, 2S5, 413–415
Refractory status epilepticus, 1S40–1S41, 106–109
REM, 173–178
Renal function, 287
Retardation, 1S7–1S8, 164–167
Retinal artery, 392–394
Rett syndrome, 20–23, 33–36, 2S37, 700–702, 766–769
Reye-like syndrome, 132–133
Rhabdomyolysis, 211
Rheumatic fever, 288
Rheumatoid arthritis, 216
Ribavirin, 703–704
Rickets, 149–151
Rickettsia typhi, 156–157
Ring chromosome 20 syndrome, 778–780
Ring-enhancing lesions, 69–72
Rippling muscle disease, 483–489
Rolandic epilepsy, 838–846, 901–904

Schamberg's disease, 209
School performance, 325–331
Sclerosing panencephalitis, 25–29, 703–704, 725–730, 788–790
Sclerosis, 69–72, 1S47–1S48, 207, 377, 390–391, 677–680, 689–691, 752–758, 791, 830–832
Scoliosis, 619
Seizures, 17–19, 44–46, 59–60, 1S5–1S12, 1S19–1S22, 1S28–1S49, 1S65–1S72, 1S76–1S79, 2S3–2S5, 2S23–2S24, 2S35–2S38, 152–154, 222–224, 236–238, 243, 261–264, 287, 440–447, 3S1–3S12, 838–846, 851–854, 901–904
Sensorineural deafness, 146
Sensory neuropathy, 209
Serine, 3S84–3S88
Serum creatine kinase, 304–305
Sialidoses, 1S81, 1S82
Sickle cell disease, 111–115, 891–895
Silent cerebral infarcts, 891–895
Single photon emission computed tomography, 380
Sinovenous thrombosis, 479–482
Skeletal anomalies, 575
Skin rash, 2S39–2S40
Sleep, 173–178, 872–875
Small cell lung cancer, 209–210
Social impairments, 1S12–1S13
S-100β protein, 710
Spasms, 1S76–1S79, 2S3–2S4, 2S9–2S14, 2S37, 369–371
Spastic cerebral palsy, 138–141, 169–172
Spasticity, 138–141, 474
Spectroscopy, 44–46, 245–248, 379, 788–790
Spinal muscular atrophy, 206, 207, 208, 213, 718–723
Spinal neurofibromatosis, 566
Spinal stenosis, 72–74
Starvation, 286–287
Status epilepticus, 1S36–1S41, 1S72, 106–109, 780–783, 908–910
Stenosis, 72–74
Stimulation, 1S73–1S74, 292–296, 778–780
Stomatitis, 225–227
Striatal necrosis, 776–777
Stroke, 429–433, 533–534, 759–764
Stuttering, 785–787
Subacute meningitis, 156–157
Subacute sclerosing panencephalitis, 25–29, 703–704, 725–730, 788–790
Subependymal nodules, 152–154
Sulthiame, 914–915
Supratentorial tuber, 830–832
SUFU gene, 233–235
Svennerholm, Lars, 82
Symptom-oriented neurology, 792
Syncope, 395–396
Syntactic processing, 668–672

Tectal tumor, 152–154
Temperature, 738–743
Temporal lobe cyst, 773–775
Temporal sclerosis, 1S47–1S48
Tenascin, 709
Term newborns, 824–828
Tetrahydrobiopterin, 3S49–3S50
Thenar hypoplasia, 51–54
Thigh muscles, 211
Thrombosis, 479–482
Thrombospondin, 709
Tonic seizures, 1S68, 1S71–1S72
Topiramate, 1S67
Tourette syndrome, 200–204, 528–530, 532, 738–743, 791
Transcranial magnetic stimulation, 292–296
Transmantle dysplasia, 752–758
Transplantation, 195–199, 210, 287
Transporters, 1S90
Tremor, 531
T_2-weighted imaging, 609–611
Tuberous sclerosis, 377, 677–680, 689–691, 752–758, 830–832
Tubular aggregates, 211–212
Tumefactive lesions, 655–660
Tumor necrosis factor-a, 749–751
Tumors, 4–5, 152–154, 550–552, 589–590, 766–769
Tumor suppressor gene, 550–552
Turner's syndrome, 530–531, 668–672
Twins, 766–769

Ulcerative colitis, 479–482
Ultrasound, 378
Unverricht-Lundborg disease, 1S22–1S23, 1S81
Upper limb spasticity, 138–141
Upper motor neurome spasticity, 474

Vagus nerve stimulation, 1S73–1S74, 286, 778–780
Valproate, 1S48, 225–227
Valproic acid, 41–43, 265–268, 3S73–3S75
Vascular disease, 61–63
Vasculitic neuropathy, 212
Vasculopathy, 241–242
Vasospasm, 470–471
Vermis hypoplasia, 385–386
Visual impairment, 731–736
Vitamin D, 149–151
von Willebrand's disease, 41–43

Walking, 329
Weakness, 208, 210, 215
Wechsler Full-Scale IQ, 605–611
Wechsler Verbal IQ, 668–672
Weight, 2S24–2S25, 265–268
Weinberg, Warren A., 126, 917–923
West's syndrome, 1S76–1S79, 2S3–2S4, 2S9–2S14, 2S37, 149–151, 3S5, 3S11–3S12
White matter, 47–49, 164–167, 227–230
Williams syndrome, 269–271
Wisconsin Card Sorting Test, 667

Xanthoastrocytoma, 522–527

Zonisamide, 1S53–1S56, 1S61–1S62, 1S64, 1S67–1S68, 87–95